# Question Paper
# ANMC Mock Test Class 7 - Fractions (Paper 3)

Exam ID : TEST/2024/01/05135056 Report Generation Date : 3/26/2024 2:59:43 PM

**Q1:** 6 1/5 + 5 1/3 + 4 1/2 = ?

**A:** 487/30

**B:** 481/30

**C:** 483/30

**D:** 485/30

**Answer:** B

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**Q2:** 4/5 of 2/3 of 5/6 of 5/8 of 1008 is:

**A:** 240

**B:** 260

**C:** 320

**D:** 280

**Answer:** D

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**Q3:** If one is added to the numerator of the fraction it becomes one. If one is added to the denominator of the fraction it becomes 1/3. The fraction is?

**A:** 4/5

**B:** 2/3

**C:** 1/2

**D:** 2/7

**Answer:** C

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**Q4:** Evaluate the following: 5 1/4 ÷ (27)(1/3) - 7 3/4

**A:** 6

**B:** -6

**C:** 4

**D:** -4

**Answer:** B

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**Q5:** Divide 3/10 by (1/4 of 9/5)

**A:** 3/2

**B:** 2/3

**C:** 5/6

**D:** 6/5

**Answer:** B

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**Q6:** In a colony of 450 members, 4/9 of the members are male members. Find the number of male members.

**A:** 250

**B:** 240

**C:** 200

**D:** 260

**Answer:** C

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**Q7:** Give a simple fraction for 2.48

**A:** 62/25

**B:** 30/13

**C:** 25/11

**D:** 54/23

**Answer:** A

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**Q8:** 9/5 of 7/4 of 5/6 of 4/9 of 252 is:

**A:** 248

**B:** 260

**C:** 294

**D:** 280

**Answer:** C

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**Q9:** Which of the following is largest fraction amongst 15/16, 23/25, 12/13 and 14/15?

**A:** 23/25

**B:** 12/13

**C:** 15/16

**D:** 14/15

**Answer:** C

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**Q10:** Kishan travels 292 km on one-fourth of his petrol tank. How far would he travel at the same rate with a full tank of petrol?

**A:** 1178 km

**B:** 1158 km

**C:** 1188 km

**D:** 1168 km

**Answer:** D

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**Q11:** Multiply the following fractions: 12 5/7 × 10 1/6

**A:** 5429/42

**B:** 5423/42

**C:** 5427/42

**D:** 5425/42

**Answer:** A

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**Q12:** If a fraction’s denominator is decreased by 60% and numerator is increased by 150%, the fraction becomes 10/13. What is the fraction?

**A:** 9/65

**B:** 7/65

**C:** 11/65

**D:** 8/65

**Answer:** D

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**Q13:** In a fraction the numerator is 5 less than the denominator. If six is added to the denominator the denominator of the resultant fraction is double the numerator. Find the fraction.

**A:** 13/18

**B:** 8/13

**C:** 12/17

**D:** 11/16

**Answer:** D

---

**Q14:** 8 1/3 + 9 1/4 – 6 1/2 =?

**A:** 131/12

**B:** 137/12

**C:** 139/12

**D:** 133/12

**Answer:** D

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**Q15:** A student was asked to multiply a number by 16/9 but he multiplied it with 9/16 and got an answer 175 less than the correct answer. Find the number.

**A:** 142

**B:** 144

**C:** 154

**D:** 156

**Answer:** B

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**Q16:** If a fraction's denominator is decreased by 80% and numerator is increased by 140%, the fraction becomes 20/7. What is the fraction?

**A:** 5/21

**B:** 8/21

**C:** 2/7

**D:** 3/7

**Answer:** A

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**Q17:** In a class of 60 students, one day 1/5 of the students were absent. Find the number of present students on that day.

**A:** 48

**B:** 52

**C:** 50

**D:** 45

**Answer:** A

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**Q18:** 24 1/3 + 9 1/3 – 13 1/3 – 2/3 = ?

**A:** 59/3

**B:** 55/3

**C:** 56/3

**D:** 52/3

**Answer:** A

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**Q19:** If a fraction's denominator is decreased by 20% and numerator is increased by 60%, the fraction becomes 6/5. What is the fraction?

**A:** 4/5

**B:** 1/5

**C:** 2/5

**D:** 3/5

**Answer:** D

---

**Q20:** A student was asked to multiply a number by 9/14 but he multiplied it with 14/9 and got an answer 57.5 more than the correct answer. Find the number.

**A:** 63

**B:** 59

**C:** 57

**D:** 65

**Answer:** A

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**Q21:** Find the value of: 2/(10 1/5) – 2/(8 3/6) + 2/(7 2/7)

**A:** 5/17

**B:** 4/17

**C:** 2/17

**D:** 9/17

**Answer:** B

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**Q22:** If (3x + 5)/2 = 6 then the value of x is:

**A:** 5/3

**B:** 4/3

**C:** 8/3

**D:** 7/3

**Answer:** D

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**Q23:** If a fraction’s denominator is decreased by 40% and numerator is increased by 40%, the fraction becomes 28/15. What is the fraction?

**A:** 2/5

**B:** 3/5

**C:** 4/5

**D:** 1/5

**Answer:** C

---

**Q24:** Multiply the following fractions: 28 5/7 × 9 1/3 × 7/67

**A:** 21

**B:** 24

**C:** 25

**D:** 28

**Answer:** D

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**Q25:** A group of boys eats 5/8 of oranges on 1st day. On the 2nd day they eat 1/6 of the remainder. How many oranges were there initially if still 90 oranges are left?

**A:** 288

**B:** 280

**C:** 282

**D:** 285

**Answer:** A

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**Q26:** A student was asked to multiply a number by 6/9. Instead, he divided it with 6/9 and got an answer 270 more than the correct answer. Find the number.

**A:** 320

**B:** 325

**C:** 328

**D:** 324

**Answer:** D

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**Q27:** 4 1/3 + 40 1/4 – 27 1/2 = ?

**A:** 205/12

**B:** 203/12

**C:** 209/12

**D:** 207/12

**Answer:** A

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**Q28:** Evaluate the following: [18 1/6 ÷ (9/4)1/2] – [4 2/3 ÷ 5 1/3]

**A:** 813/72

**B:** 803/72

**C:** 815/72

**D:** 809/72

**Answer:** D

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**Q29:** Solve: 30 5/6 × 12 3/5

**A:** 777/2

**B:** 775/2

**C:** 773/2

**D:** 779/2

**Answer:** A

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**Q30:** If 15x – 4y = 26 and 3x = y, then x =?

**A:** 20/3

**B:** 26/3

**C:** 25/3

**D:** 22/3

**Answer:** B

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